Message

From: Lisa Rector [lrector@nescaum.org]
Sent: 7/17/2020 1:40:46 PM
To: Johnson, Steffan [johnson.steffan@epa.gov]
Subject: example low burn setting question

Stef, this is an example of a unit where it appears the fixed stop wasn't set on the unit until it went for testing. Isn't this fixed stop a design point that should have been finalized prior to cert testing?

Settings & Run Notes

	Pre-Burn Air Setting	Test Run Air and Fan Settings
Run 1	Primary air set to 0.443" open*, measured as longest chord length in open cross section. Rear air set to fully closed	Primary air set to 0.443" open*, rear air set to fully closed. Fan on.
Run 2	Primary air open 0.75", rear air fully closed.	Primary air open 0.75", rear air fully closed. Fan on.
Run 3	Primary air fully open, rear air fully closed.	Primary air fully open, rear air fully closed. Fan on.
Run 4	Primary air fully open, rear air fully open.	Primary air fully open, rear air fully open. Fan on.
Run 5	Primary air open 0.75", rear air fully closed.	Primary air open 0.75", rear air fully closed. Fan off.

*Refers to setting on prototype unit. A fixed stop was added at this position, details of which are shown in Appendix C. All other air opening measurements are therefore offset by 0.443" compared to production units.

NESCAUM
Lisa Rector, Policy and Program Director at **NESCAUM**
89 South Street, Suite 602, Boston, Massachusetts, 02111 | 802.899.5306| 617.259.2095 | Fax: 617.742.9162 | lrector@nescaum.org